



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/716,108	11/18/2003	Mark A. Alcazar	MS1-1799US	6123
22801	7590	07/18/2008		
LEE & HAYES PLLC 421 W RIVERSIDE AVENUE SUITE 500 SPOKANE, WA 99201			EXAMINER HOANG, PHUONG N	
			ART UNIT	PAPER NUMBER
			2194	
			MAIL DATE	DELIVERY MODE
			07/18/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/716,108

Applicant(s)

ALCAZAR ET AL.

Examiner

PHUONG N. HOANG

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 April 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 - 2, 4 - 26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 - 2, 4 - 26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-946)
- 3) ☒ Information Disclosure Statement(s) (PTO/SE/US)
Paper No(s)/Mail Date 7/14/08
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1 – 2, 4 - 26 are pending for examination.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 4/28/08 has been entered.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Rowe, US patent no. 5,964,836.

5. **As to claim 1**, Rowe teaches software architecture for executing a navigated-based application, comprising: a first set of application programming interfaces that support the execution navigated-based web application within the software architecture (col. 2 lines 60 – 67); and a second set of application programming interfaces that support navigation-related activities of the navigated-based application (col. 4 lines 65 – col. 5 lines 10);

Wherein the navigated-based web application is deployed on a web server and downloaded to a local computing device from the web server through the network when executed (col. 2 lines 35 – 65); and

Wherein an instance of the navigated-based web application is created in a runtime execution environment (col. 2 lines 35 – col. 3 lines 10) during execution and states of the navigated-based web application are persisted in the instance and made accessible to the resources of the navigated-based web application by the first and second sets of application programming interfaces (col. 5 lines 15 – 42).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 2, 4 – 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rowe, US patent no. 5,964,836 in view of Bladow, US patent no. 6,115,040.

8. As to claim 2, Rowe does not explicitly teach wherein the first set of application programming interfaces comprises an OnStartingUp method that includes executable instructions that are executed to load the states of the navigated-based web application when it is being launched.

Bladow teaches wherein the first set of application programming interfaces comprises an OnStartingUp method that includes executable instructions that are executed to load the states of the navigated-based web application when it is being launched (col. 13 lines 1 – 45).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teaching of Rowe and Bladow's system because Bladow's start() method would load the web-based application to be used for inter-application communications and for providing a reference to a particular application for interoperation (col. 13 lines 35 - 50).

9. **As to claim 4**, Bladow teaches wherein the first set of application programming interfaces comprises an OnShutDown method that includes executable instructions that are executed when the navigated-based web application is being shut down (stop()), col. 13 lines 35 – 45).

10. **As to claim 5**, Bladow teaches wherein the first set of application programming interfaces comprises a Windows collection in which is stored information that identifies one or more windows that are used in connection with the navigated-based web application (col. 6 lines 50 – 65, col. 13 lines 35 – 50).

11. **As to claims 6 - 7**, Rowe teaches wherein the first set of application programming interfaces comprises a Resources property that specifies resources that apply to pages within an extent of the navigated-based web application (col. 5 lines 1 – 50, col. 6 lines 25 - 35).

12. **As to claim 8**, Bladow teaches wherein the second set of application programming interfaces comprises a StartUpURI property that specifies a resource to which the navigated-based web application navigates upon being launched (col. 5).

13. **As to claims 9 - 10**, Bladow teaches wherein the resource comprises a markup based page (col. 8 lines 1 – 25).

14. **As to claims 11 - 13**, Rowe teaches wherein the second set of application programming interfaces comprises a set of events related to the occurrence of a navigation by the navigated-based web application (col. 5 lines 1 – 5).

15. **As to claim 14**, Bladow teaches wherein the set of events comprises a `NavigationError` event indicative of the occurrence of an error during the navigation (col. 6 lines 55 – 67).

16. **As to claim 15**, Bladow teaches wherein the set of events comprises a `NavigationProgress` event that is raised periodically during the navigation to enable information about the navigation to be discerned (col. 6 lines 55 – 67).

17. **As to claim 16**, Rowe teaches software architecture for executing a navigated-based application, comprising an application programming interfaces that support the execution navigated-based web application within the software architecture (col. 2 lines 60 – 67).

Wherein the navigated-based web application is deployed on a web server and downloaded to a local computing device from the web server through the network when executed (col. 2 lines 35 – 65); and

Wherein an instance of the navigated-based web application is created in a runtime execution environment (col. 2 lines 35 – col. 3 lines 10) during execution and states of the navigated-based web application are persisted in the instance and made accessible to the resources of the navigated-based web application by the first and second sets of application programming interfaces (col. 5 lines 15 – 42).

Rowe does not explicitly teach wherein the first set of application programming interfaces comprises an OnStartingUp method that includes executable instructions that are executed to load the states of the navigated-based web application when it is being launched, and a ShutDown method that includes executable instructions that are executed when the navigated-based web application is being shut down.

Bladow teaches wherein the first set of application programming interfaces comprises an OnStartingUp method that includes executable instructions that are executed to load the states of the navigated-based web application when it is being launched (col. 13 lines 1 – 45); and method that includes executable instructions that are executed when the navigated-based web application is being shut down (stop()), col. 13 lines 35 – 45).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teaching of Rowe and Bladow's system because

Bladow's start() method would load the web-based application to be used for inter-application communications and for providing a reference to a particular application for interoperation (col. 13 lines 35 - 50).

18. **As to claim 17**, Bladow teaches Windows collection in which is stored information that identifies one or more windows that are used in connection with the navigated-based web application (col. 13 lines 20 – 50).

19. **As to claim 18**, Rowe a Resources property that specifies resources that apply to pages within an extent of the navigated-based web application (col. 5 lines 5 – 35).

20. **As to claim 19**, Rowe teaches a computer-readable medium having computer-executable components for supporting the execution of an application, the components comprising:

an application programming interface exposed by the navigated-based web application (col. 2 lines 60 – 67), the application programming interface including:

a Properties collection in which is stored information about a state of the software application during execution (col. 5 lines 45 - 60);

Wherein the navigated-based web application is deployed on a web server and downloaded to a local computing device from the web server through the network when executed (col. 2 lines 35 – 65); and

Wherein an instance of the navigated-based web application is created in a runtime execution environment (col. 2 lines 35 – col. 3 lines 10) during execution and states of the navigated-based web application are persisted in the instance and made accessible to the resources of the navigated-based web application by the first and second sets of application programming interfaces (col. 5 lines 15 – 42).

Rowe does not explicitly teach a StartUpURI property that specifies a resource to which the software application navigates upon being launched.

Bladow teaches wherein the first set of application programming interfaces comprises an StartUpURI property that includes executable instructions that are executed to load the states of the navigated-based web application when it is being launched (col. 13 lines 1 – 45)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teaching of Rowe and Bladow's system because Bladow's start() would load the web-based application to be used for inter-application communications and for providing a reference to a particular application for interoperation (col. 13 lines 35 - 50).

21. **As to claims 20 – 26**, see rejection for claims 9 – 15 above.

Response to Arguments

22. Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHUONG N. HOANG whose telephone number is (571)272-3763. The examiner can normally be reached on Monday - Friday 9:00 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng A. An can be reached on 571-272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2195

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Meng-Ai An/
Supervisory Patent Examiner, Art Unit 2195

Ph
July 15, 2008